

## LEESGGGLVQPGGSMK

Cat. No.:	HY-P3149
CAS No.:	2096980-79-7
Molecular Formula:	C <sub>64</sub> H <sub>108</sub> N <sub>18</sub> O <sub>24</sub> S
Molecular Weight:	1545.71
Sequence Shortening:	LEESGGGLVQPGGSMK
Target:	TNF Receptor
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

Description	LEESGGGLVQPGGSMK, a proteolysis peptide, is a component of Infliximab. LEESGGGLVQPGGSMK can be used for quantitative analysis of Infliximab. Infliximab is a chimeric monoclonal IgG1 antibody that specifically binds to TNF- $\alpha$ <sup>[1]</sup> .
In Vitro	The anti-TNF antibodies blocking the action of TNF alpha revolutionized therapy of TNF-related diseases such as Inflammatory Bowel Disease, lupus, ulcerative colitis, ankylosing spondylitis, psoriatic arthritis and rheumatoid arthritis. By neutralizing TNF activity, anti-TNF antibodies promote mucosal healing and induce long-term remissions in vivo. The main anti-TNF antibodies that are currently authorized encompass Infliximab, Etanercept, Adalimumab, Certolizumab and Golimumab <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Dorothee LEBERT, et al. A method for quantifying therapeutic antibodies. EP3371592A1.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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